RG104 E-1 Box 142 Oct-Nove 1886

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Philadelphia, 8th October —, 1886.

Sir,

During the short moments of leisure in our intense activity of melting Silver, on a scale never before attempted, as I have reason to believe, it has appeared to me, upon reflection, that the most striking feature of our year's operations is the enormous scale on which we have melted Silver and gold, and converted them into Coin.

I have gathered these few data on the subject together, and offer them for the Director's use, agreeably to his wish, if he can employ them in accordance therewith.

The Gold charged to me for the year, closing June 30th 1886, was 1,396,820 $\frac{218}{1000}$ oz. Troy weight, valued at $25,987,352.$\underline{88\frac{3}{8}}$. Transferred to the common avoir du poise pound, it weighed about 95,785 lbs, or nearly 42$\frac{3}{4}$ Common tons.

The Silver charged to me for the same period was 39,693,151 $\frac{81}{100}$ oz. Troy, valued at $46,188,394 $\frac{82}{100}$. Its weight in the common, Commercial, Avoir du Poise pound, was 2,721,878 lbs, equal to 1215 Tons.

The amounts of Gold and Silver refined in the same period were 40,294 $\frac{88}{100}$ a.d.p.lbs, about 18 Tons.

The total amount of melting and refining expressed in a tabular form is:

Coinage of Gold	95,785 lbs or	42 $\frac{3}{4}$ Tons
—" —" —Silver	2,721,878 lbs. or	1215 Tons
Refining both	40,294 lbs or	18 Tons
Total amount =	2,857,957 lbs or	1275 $\frac{3}{4}$ Tons

When we reflect that the above weight of Gold and Silver is handled sixteen times, while passing through the Melter & Refiner's hands in the Mint, we have an aggregate of 20,400 Tons of Gold and Silver

handled in the last year's work in the Melting Department of the Mint alone, to make the value of $72,175,747.

Since the same amount of the Precious Metals is handled fully as often in the Coinage Department of the Mint, we are safe in concluding that the Workmen of the Mint handle upwards of 40,000 tons of Gold and Silver to make the value of over $72,000,000.

Very Respectfully,
I. A. C. Booth
M. S. R.

RG104 E-1 Box 142 Oct-Nove 1886

Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Oct 8, 1886

Jas. A. Booth

Chief Clk.

Melter and Refiner.

Work by the
M & R dept
in Fiscal Year
1885-86.

RECEIVED
OCT 9 1886
U.S. MINT, PHILA.

No. of Enclosures,

NARA RG104, Entry 1, Box 142

[Abstract:] Working the M & R dept. in Fiscal Year 1885 -86.

Mint of the United States at Philadelphia,
Melting and Refining Department,
Philadelphia,
October 8, 1886

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The Silver charged to me for the same period was 39,693,151 81/100 oz. Troy, valued at $46,188,394 82/100. Its weight in the common, commercial, avoir du poise pound, was 2,721,878 lbs. equal to 1215 Tons. The amounts of Gold and Silver refined in the same period were 40,294 88/100 a.d.p. lbs. about 18 Tons.

The total amount of melting and refining expressed in a tabular form is:

Coinage of Gold	95,785 lbs. or 42 ¾ Tons
- " - " Silver	2,721,878 lbs. or 1215 Tons
Refining both	40,294 lbs. or 18 Tons
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Jas. C. Booth
M & R